COMINCO LTD

EXPLORATION WESTERN CANADA

ASSESSMENT REPORT

TOW PROPERTY

LATITUDE	49° 35'N
LONGITUDE	116° 21'W
NTS	82F/9 W

OWNER: COMINCO LTD
OPERATOR: COMINCO LTD

Work performed June 11 to July 10, 1997

AUTHOR: P.W. RANSOM

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INTRODUCTION

The Tow claims are 27 km southwest of Kimberley, adjacent to and between Meacham and Tower creeks (Fig. 1). The claims were staked to cover associated em and radiometric anomalies obtained in the BCGS East Kootenay Airborne Geophysical survey of this portion of the Purcell mountains. Most of this ground has never been covered by mineral claims. Rocks of middle and upper Aldridge Fm strata and associated Moyie gabbroic intrusions underlie the entire claim block. Mapping by G.B. Leech (1957) indicates the rocks are folded and in places faulted (Fig. 2). One fault appears to have as much as 1 km of normal displacement. Portions of the claim block can be accessed by foot from roads, however helicopter is the only way to effectively access remote parts of the claim block. Terrrain is rugged and steep with v-shaped valleys and cirques at high elevations. Mid to low elevations are mostly well forested.

OBJECTIVES

The objective of exploring these claims is to locate a Sullivan type mineral deposit. The anomalies obtained in the airborne survey may be a response from such a deposit or from associated mineralization, either distal or cross-cutting.. The first step taken to explore this property was to obtain geochemical coverage of portions of the claims where the geophysical anomalies are present.

THE WORK

A total of 172 soil samples were collected along contour lines from the Tow claims. Southeast of the middle section of Tower creek, 59 samples were collected; about a kilometre to the southeast on the ridge northwest of Meacham creek, 66 samples were collected; and flanking the lower 2 kilometres of Fiddler creek 46 samples were obtained. Samples were dug using a narrow spade, placed in kraft paper bags, dried and shipped to the Cominco Exploration Research Lab for analysis by ICP. The results for the 27 elements reported are in the appendix. Sample Locations are shown in Fig. 3a and 3b. The results for Pb and Zn are plotted in Figs. 4a and 4b, and 5a and 5b respectively.

RESULTS

There are no significant Zn anomalies, however some single point highs are present. Several clusters of anomalous Pb are present on the lines southeast of Tower and northwest of Meacham creeks. No anomalous values occur along the portion of Fiddler creek that was sampled.

In addition to anomalous Pb, the elements Ag, As and Sb are often above detection limit (see attached table), which is not typical of soils collected over middle Aldridge strata.

CONCLUSIONS

The scattered Pb anomalies with associated elevated Ag, As and Sb, between Tower and Meacham creeks, are of interest. They occur in the general vicinity of airborne em and radiometric anomalies and therefore may be related. Leakage from a source at depth is a possibility. There is no history of the early prospecting having discovered veins that might be a shallow source.

COST SUMMARY

Labour	7 field, 2 office days @ 130	1170
Helicopter	3 return flights	3394
Truck	1 day	60
Analyses	172 samples @ 8.50	1462
Supplies		200
Shipping		60
TOTAL		6345

Signed: P. Ransom

Paul W. Ransom, Project Geologist

Endorsed for release by Cominco Ltd: D.W. Moore

D.W. Moore, Manager, Exploration,
Western Canada

COMINCO LTD

EXPLORATION WESTERN CANADA

AUTHOR'S QUALIFICATIONS

As author of this report, I, P.W. Ransom, certify that:

I am a geologist active in minerals exploration.

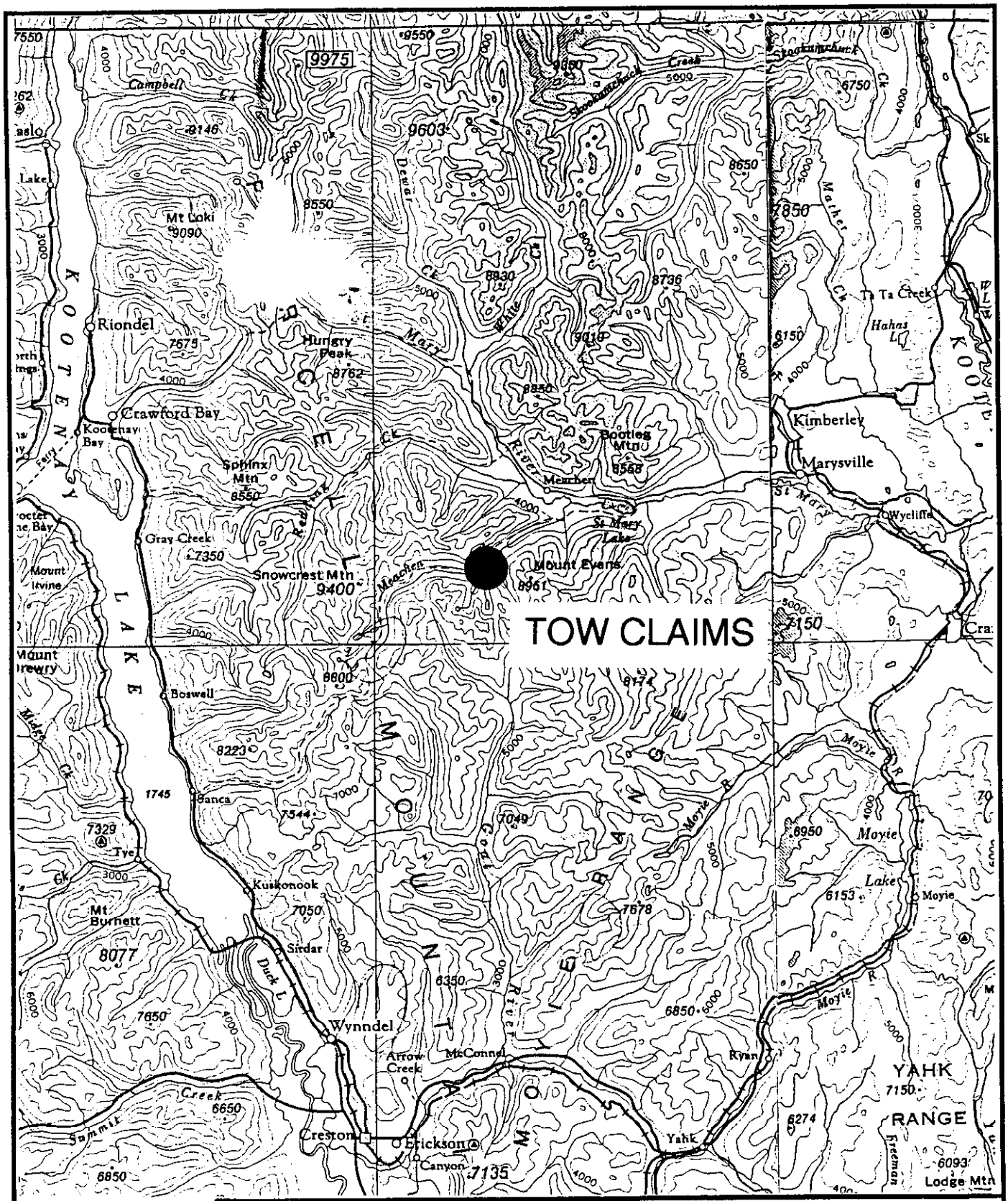
I am a graduate of McGill University with a degree of Bachelor of Science.

I have been continuously engaged in mining and exploration since 1966.

I am a member of the Geological Association of Canada and of the Canadian Institute of Mining and Metallurgy.

I supervised Cominco Ltd's exploration on the Tow property in 1997.

P. W. Ransom
Project Geologist



Iss'd To:	Date:

LOCATION MAP
TOW CLAIMS

Drawn by:	Scale: 1:500,000	Date: SEPT 30/97	Plate: FIG. 1

SCTL - 3271 - C.L.

LEGEND

CENOZOIC

QUATERNARY
PLEISTOCENE AND RECENT

12	Till, gravel, sand, silt, alluvium

MESOZOIC OR(?) CENOZOIC

11	Granodiorite, quartz monzonite, pegmatite

PALAEOZOIC

CAMBRIAN
LOWER CAMBRIAN

10	EAGER FORMATION: dark argillite, grey argillite; grey limy argillite, brown weathering sandy limestone
9	CRANBROOK FORMATION: siliceous quartzite, grit, and conglomerate

PROTEROZOIC

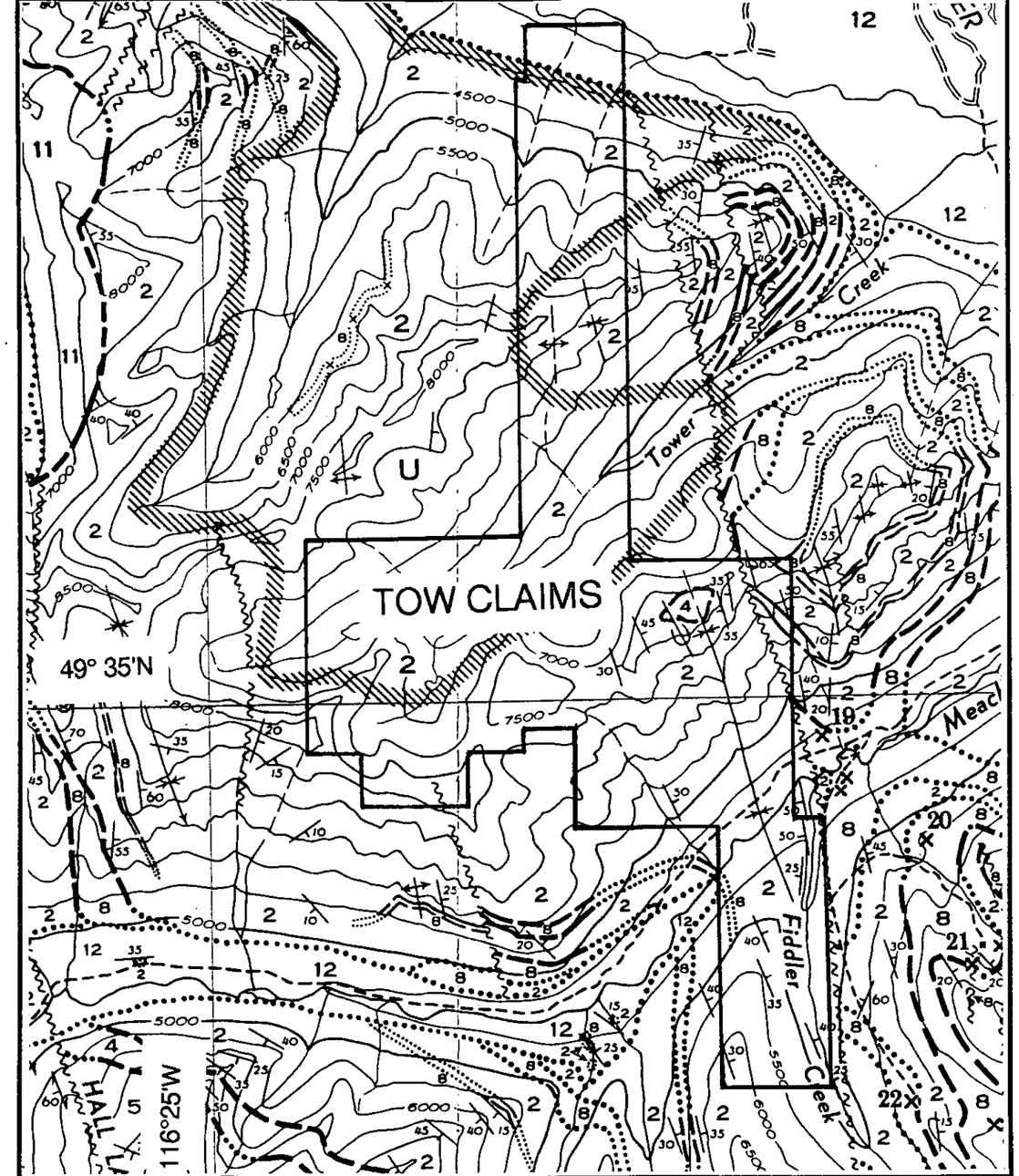
PURCELL OR (?) LATER

8	MOYIE INTRUSIONS: meta-diorite and meta-quartz diorite

PURCELL

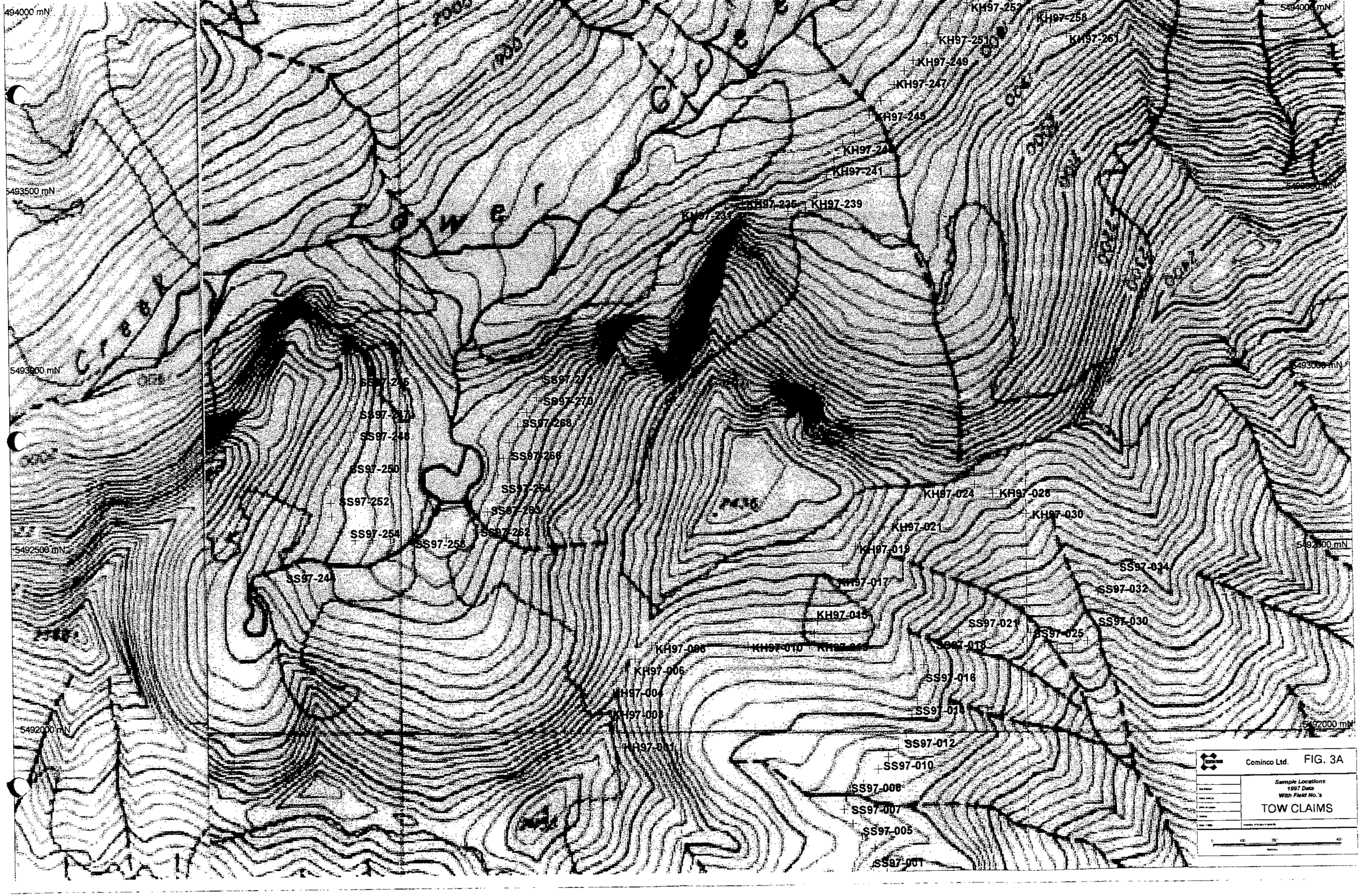
7	DUTCH CREEK FORMATION: laminated black argillite, green argillite; quartzite, dolomite
6	KITCHENER-SIYEH FORMATION: varicoloured argillites and dolomitic argillites, mostly buff and brown weathering; buff and brown weathering dolomite, commonly sandy
5	CRESTON FORMATION: green and grey weathering green, grey, and purplish argillaceous quartzite, quartzite and argillite; 5a, grey weathering grey argillite and silty argillite, mud-cracked dark argillite
1 2 4	ALDRIDGE FORMATION (1-4) 1. Lower Division: rusty weathering grey quartzite, siltstone, and argillite; grey weathering massive quartzite; metamorphosed equivalents 2. Middle Division: grey weathering massive grey quartzite and siltstone with argillite partings; rusty weathering quartzite, siltstone, and argillite 4. Upper Division: rusty weathering laminated argillite and siltstone; quartzite
3	Middle and Lower Divisions undivided

Limit of area in which distribution of Moyie intrusions is uncertain . . . . . U



Iss'd To:	Date:	TOW PROPERTY GEOLOGY AND CLAIM OUTLINE		
		Drawn by:	Scale: 1:50,000	Date: Sept 30/97	Plate: Fig. 2

BCIL - 3271 - C.L.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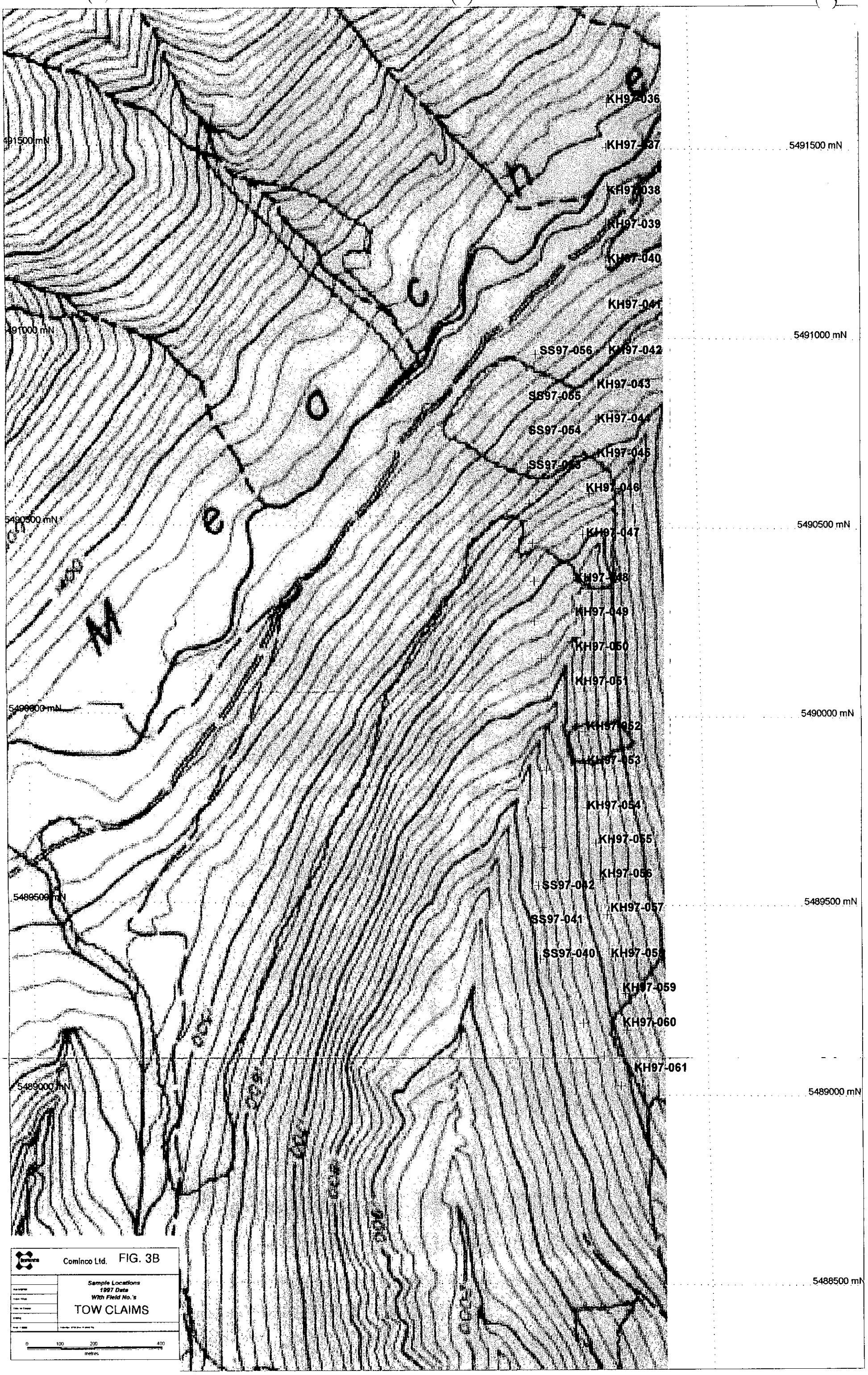
493500 mN
493000 mN
492500 mN
492000 mN
KH97-253
KH97-258
KH97-251
KH97-261
KH97-249
KH97-247
KH97-245
KH97-241
KH97-239
SS97-270
SS97-268
SS97-266
SS97-250
SS97-252
SS97-254
SS97-258
KH97-024
KH97-026
KH97-030
KH97-021
KH97-019
KH97-017
KH97-015
KH97-008
KH97-006
KH97-004
KH97-003
KH97-001
SS97-034
SS97-032
SS97-030
SS97-021
SS97-025
SS97-016
SS97-012
SS97-010
SS97-008
SS97-007
SS97-005
SS97-001
Cominco Ltd.
FIG. 3A
Sample Locations
1997 Data
With Field No.'s
TOW CLAIMS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KH97-039
KH97-040
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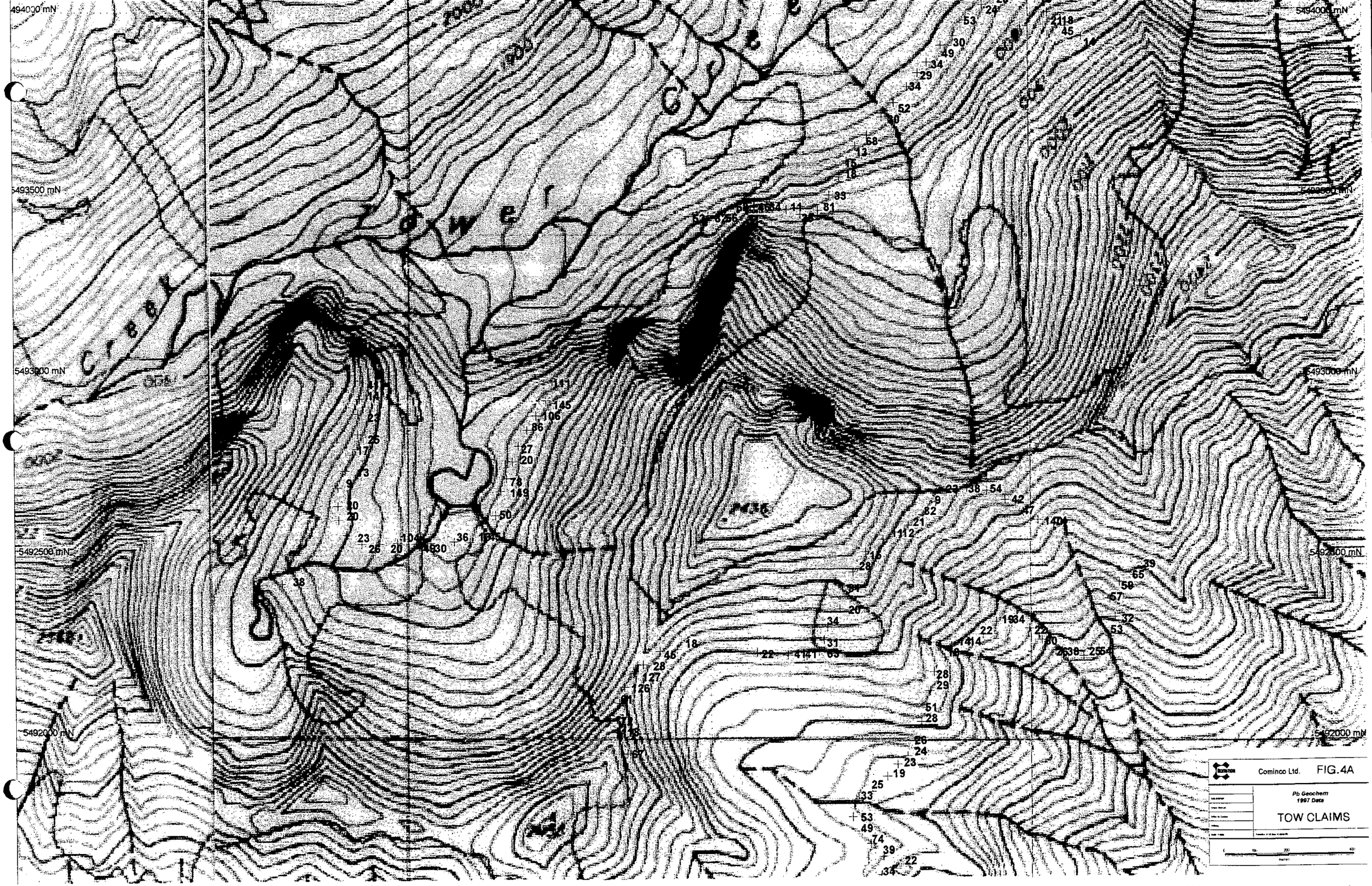
KH97-050
KH97-051
KH97-052
KH97-053
KH97-054
KH97-055
KH97-056
SS97-042
KH97-057
SS97-041
SS97-040
KH97-059
KH97-060
KH97-061
5491500 mN
5491000 mN
5490500 mN
5490000 mN
5489500 mN
5489000 mN
5488500 mN
Cominco Ltd.
FIG. 3B
Sample Locations
1997 Data
With Field No.'s
TOW CLAIMS
0
100
200
400
metres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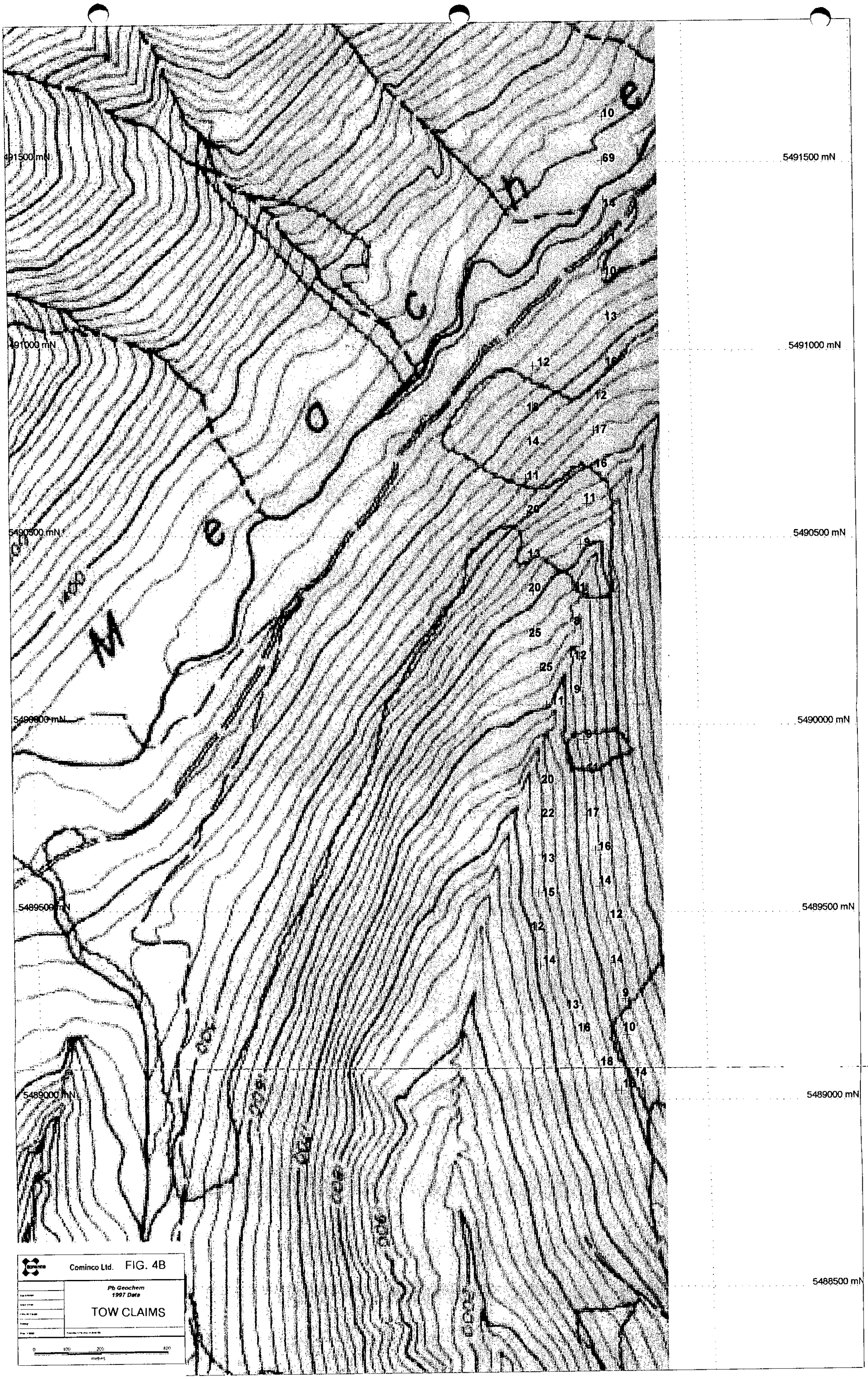
5492500 mN
5492000 mN
Cominco Ltd.
FIG.4A
Pb Geochem
1997 Data
TOW CLAIMS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5489500 mN
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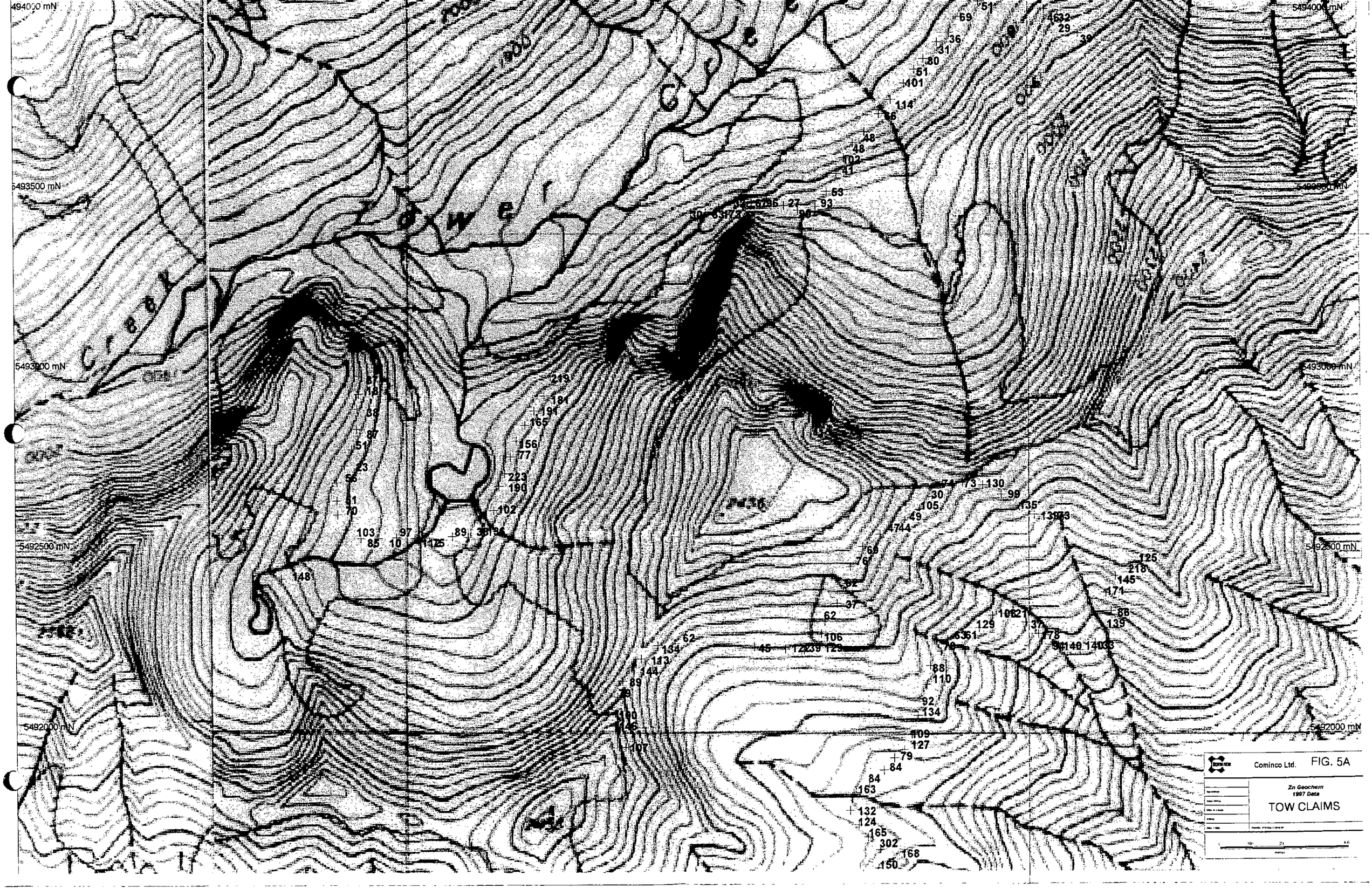
Cominco Ltd.
FIG. 4B
Pb Geochem
1997 Data
TOW CLAIMS
0
100
200
400
metres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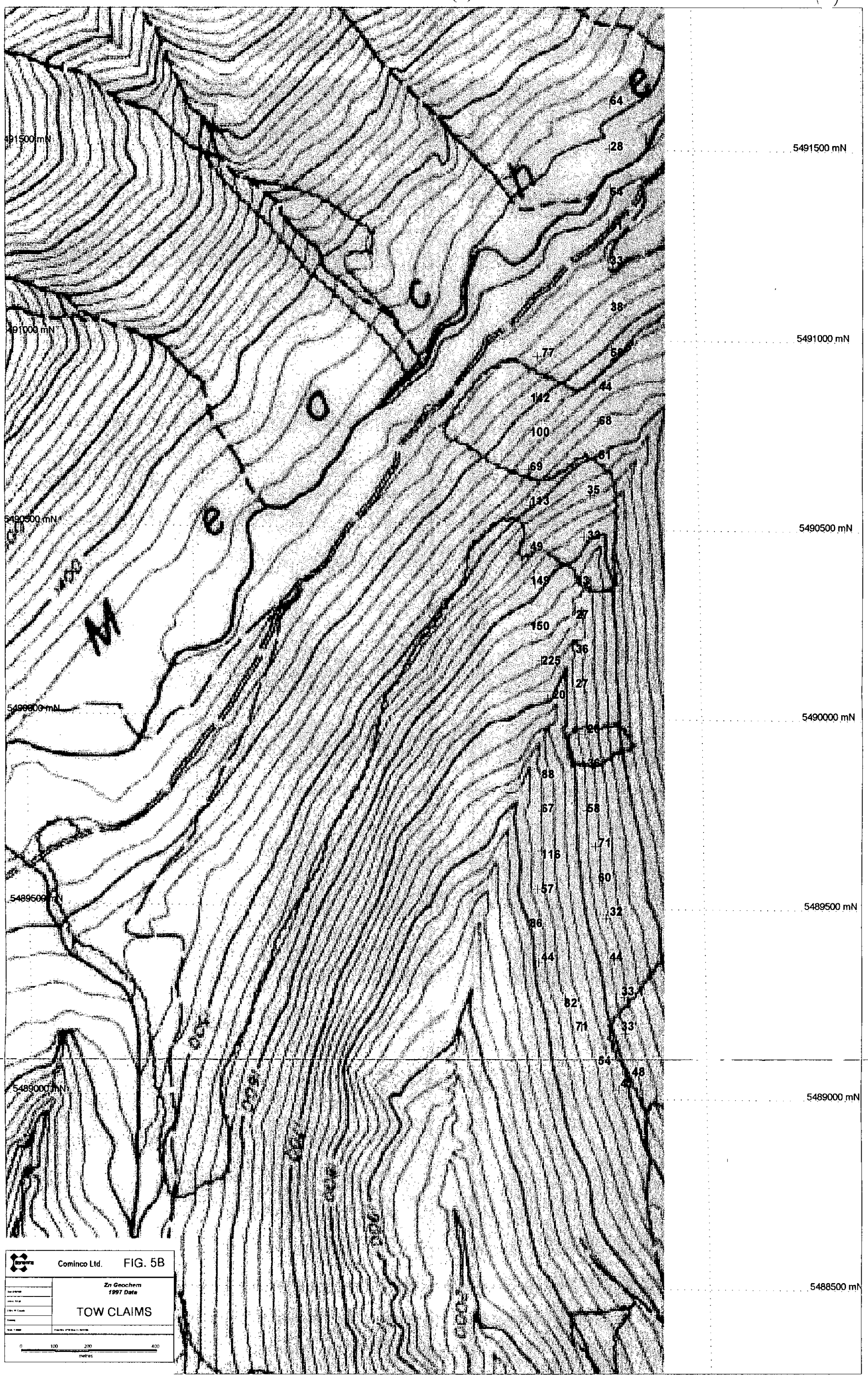
5492000 mN
Cominco Ltd.
FIG. 5A
Zn Geochem
1997 Data
TOW CLAIMS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64
28
54
33
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77
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100
69
113
49
149
150
225
20
88
67
116
57
86
44
82
71
64
28
44
68
61
35
32
3
27
36
27
26
36
58
71
60
32
44
33
33
54
48
40
Cominco Ltd.
FIG. 5B
Zn Geochem
1997 Data
TOW CLAIMS
0
100
200
400
metres

APPENDIX TOW CLAIMS - 1997 SOIL GEOCHEMISTRY

LAB	FIELD	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
S9713177	KH97-001	57	67	107	0.4	66	53	1	42	25	6.64	9
S9713178	KH97-002	65	118	146	0.4	121	66	1	24	23	6.2	8
S9713179	KH97-003	31	72	100	0.4	105	67	1	10	18	3.78	5
S9713180	KH97-004	26	61	79	0.7	59	79	1	7	12	3.7	4
S9713181	KH97-005	43	126	89	0.4	122	48	1	10	13	6	8
S9713182	KH97-006	34	127	144	0.4	66	72	1	25	27	3.94	4
S9713183	KH97-007	26	28	113	0.4	36	74	1	12	19	3.62	3
S9713184	KH97-008	47	45	134	0.4	44	65	1	27	38	4.16	5
S9713185	KH97-009	16	18	62	0.4	13	46	1	2	9	3.04	5
S9713186	KH97-010	32	22	45	0.4	2	54	1	3	10	2.76	4
S9713187	KH97-011	23	41	122	0.4	2	71	1	18	20	3.6	4
S9713188	KH97-012	37	41	139	0.4	25	68	1	21	30	4.15	6
S9713189	KH97-013	45	63	129	0.4	16	59	1	66	26	3.89	8
S9713190	KH97-014	39	31	106	0.4	2	51	1	15	24	4.34	5
S9713191	KH97-015	21	34	62	0.4	22	49	1	10	18	3.28	5
S9713192	KH97-016	17	20	37	0.4	2	35	1	3	9	2.6	2
S9713193	KH97-017	21	31	62	0.4	7	41	1	11	19	3.25	3
S9713194	KH97-018	23	28	76	0.4	2	46	1	11	22	3.89	4
S9713195	KH97-019	28	15	69	0.4	16	50	1	10	18	3.03	5
S9713196	KH97-020	24	11	47	0.4	13	35	1	7	16	3.61	6
S9713197	KH97-021	17	12	44	0.4	21	38	1	10	16	3.38	5
S9713198	KH97-022	18	21	49	0.4	25	268	1	1	6	1.16	2
S9713199	KH97-023	64	82	105	0.4	11	67	1	134	38	5.34	9
S9713200	KH97-024	7	9	30	0.4	17	28	1	9	10	2.9	6
S9713201	KH97-025	28	23	74	0.4	26	43	1	11	20	3.8	2
S9713202	KH97-026	33	38	73	0.4	2	41	1	16	27	3.79	5
S9713203	KH97-027	45	54	130	0.4	22	56	1	17	36	4.2	9
S9713204	KH97-028	28	42	99	0.4	29	64	1	24	21	3.63	6
S9713205	KH97-029	30	47	135	0.4	41	105	1	26	29	3.8	6
S9713206	KH97-030	58	140	139	0.4	29	97	1	68	32	4.42	8
S9713207	KH97-031	36	74	173	0.4	20	142	1	43	32	4.13	6
S9713208	KH97-036	91	10	64	0.4	2	99	1	12	27	2.6	2
S9713209	KH97-037	6	69	28	0.4	5	84	1	1	2	0.35	2

APPENDIX TOW CLAIMS - 1997 SOIL GEOCHEMISTRY

LAB	FIELD	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm
S9713210	KH97-038	30	14	54	0.4	2	65	1	7	12	2	2
S9713211	KH97-039	38	11	41	0.4	6	35	1	8	12	1.98	2
S9713212	KH97-040	35	10	33	0.4	11	26	1	6	10	1.75	2
S9713213	KH97-041	32	13	38	0.4	10	34	1	7	11	1.9	3
S9713214	KH97-042	45	16	58	0.4	2	55	1	11	18	2.44	5
S9713215	KH97-043	36	12	44	0.4	13	32	1	8	15	2.3	4
S9713216	KH97-044	45	17	68	0.4	15	49	1	14	23	2.83	4
S9713217	KH97-045	38	16	51	0.4	2	54	1	9	16	2.33	3
S9713218	KH97-046	35	11	35	0.4	2	32	1	6	10	1.82	5
S9713219	KH97-047	28	9	32	0.4	2	27	1	6	9	1.65	3
S9713220	KH97-048	33	11	33	0.4	12	31	1	6	9	1.81	2
S9713221	KH97-049	28	8	27	0.4	6	26	1	5	8	1.46	3
S9713222	KH97-050	34	12	36	0.4	4	43	1	7	10	1.9	5
S9713223	KH97-051	26	9	27	0.4	9	28	1	5	9	1.5	2
S9713224	KH97-052	26	9	26	0.4	2	37	1	5	10	1.55	3
S9713225	KH97-053	31	11	36	0.4	7	42	1	6	12	1.92	4
S9713226	KH97-054	50	17	58	0.4	5	57	1	10	18	2.51	4
S9713227	KH97-055	46	16	71	0.4	5	83	1	11	15	2.42	6
S9713228	KH97-056	67	14	60	0.4	5	58	1	11	19	2.84	3
S9713229	KH97-057	31	12	32	0.4	2	33	1	6	11	1.77	3
S9713230	KH97-058	28	14	44	0.4	19	48	1	8	12	2.05	4
S9713231	KH97-059	17	9	33	0.4	20	30	1	5	9	1.49	2
S9713232	KH97-060	19	10	33	0.4	2	33	1	5	8	1.56	2
S9713233	KH97-061	36	14	48	0.4	6	51	1	9	14	2.11	3
S9718265	KH97-231	10	53	30	1.9	2	55	1	1	6	0.74	2
S9718266	KH97-232	17	82	63	0.4	2	69	1	2	10	0.76	2
S9718267	KH97-233	45	56	173	0.4	96	45	1	27	47	4.67	14
S9718268	KH97-234	7	68	33	0.5	6	62	1	1	3	0.56	2
S9718269	KH97-235	27	46	67	0.4	33	34	1	9	19	3.21	11
S9718270	KH97-236	17	84	96	0.4	27	57	1	11	12	2.32	11
S9718271	KH97-237	14	11	27	0.6	2	27	1	1	3	1.76	3
S9718272	KH97-238	30	35	90	0.4	38	30	1	21	21	3.22	13
S9718273	KH97-239	27	81	93	0.4	11	73	1	15	22	2.47	4

APPENDIX TOW CLAIMS - 1997 SOIL GEOCHEMISTRY

LAB	FIELD	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm
S9718274	KH97-240	26	33	53	0.4	9	36	1	7	18	3.55	6
S9718275	KH97-241	11	18	41	0.6	2	126	1	2	3	1.77	2
S9718276	KH97-242	15	15	102	0.4	21	62	1	4	8	5.25	5
S9718277	KH97-243	15	13	48	0.4	2	29	1	2	7	2.86	5
S9718278	KH97-244	11	68	48	0.4	19	84	1	3	8	1.72	2
S9718279	KH97-245	33	30	66	0.5	2	36	1	7	17	5.02	5
S9718280	KH97-246	67	52	114	0.4	2	23	1	5	19	7.5	6
S9718281	KH97-247	25	34	101	0.4	32	54	1	8	22	4.18	5
S9718282	KH97-248	27	29	51	0.4	3	29	1	6	18	4.61	4
S9718283	KH97-249	38	34	80	0.4	24	40	1	11	27	5.33	5
S9718284	KH97-250	27	49	31	0.4	2	27	1	16	23	2.8	4
S9718285	KH97-251	24	30	36	0.5	12	26	1	3	7	3.33	7
S9718286	KH97-252	54	53	69	0.4	43	36	1	4	14	7.5	9
S9718287	KH97-253	8	24	51	0.6	8	93	1	1	3	0.28	2
S9718288	KH97-254	16	28	72	0.4	19	38	1	12	15	3.76	4
S9718289	KH97-255	13	47	22	0.4	3	31	1	2	5	0.97	4
S9718290	KH97-256	15	29	30	0.4	2	34	1	8	10	2.6	5
S9718291	KH97-257	5	15	13	0.4	7	43	1	1	3	1.11	2
S9718292	KH97-258	27	21	46	0.4	9	35	1	6	15	4.29	3
S9718293	KH97-259	11	18	32	0.4	2	32	1	2	7	2.14	4
S9718294	KH97-260	8	45	29	0.7	13	122	1	2	5	1.36	4
S9718295	KH97-261	16	14	39	0.4	28	38	1	9	21	3.99	3
S9713234	SS97-001	28	34	150	0.4	2	190	1	14	17	3.07	4
S9713235	SS97-002	8	30	86	0.4	19	89	1	5	7	2.12	4
S9713236	SS97-003	7	22	168	0.4	22	122	1	7	8	2.24	2
S9713237	SS97-004	30	39	302	0.4	19	233	1	22	32	3.61	5
S9713238	SS97-005	44	74	165	0.4	2	170	1	22	26	4.44	2
S9713239	SS97-006	66	49	124	0.4	33	70	1	14	24	6	6
S9713240	SS97-007	49	53	132	0.4	50	86	1	14	21	5.68	6
S9713241	SS97-008	41	33	163	0.4	45	141	1	12	18	4.36	3
S9713242	SS97-009	12	25	84	0.4	15	63	1	6	12	2.79	3
S9713243	SS97-010	18	19	84	0.4	16	40	1	7	12	3.28	3
S9713244	SS97-011	17	23	79	0.4	48	35	1	5	10	3.46	3

APPENDIX TOW CLAIMS - 1997 SOIL GEOCHEMISTRY

LAB	FIELD	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm
S9713245	SS97-012	14	24	127	0.4	16	71	1	5	12	3.81	4
S9713246	SS97-013	16	26	109	0.4	2	79	1	7	16	3.72	5
S9713247	SS97-014	48	28	134	0.4	19	70	1	18	33	4.11	6
S9713248	SS97-015	26	51	92	0.4	10	85	1	11	20	3.13	3
S9713249	SS97-016	72	29	110	0.4	30	52	1	14	26	6.19	10
S9713250	SS97-017	50	28	88	0.4	2	48	1	9	19	5.31	7
S9713251	SS97-018	21	18	78	0.4	13	49	1	6	16	3.89	2
S9713252	SS97-019	15	14	63	0.4	12	49	1	6	13	3.14	3
S9713253	SS97-020	18	14	61	0.4	14	49	1	8	13	3.39	3
S9713254	SS97-021	17	22	129	0.4	14	127	1	13	20	3.01	3
S9713255	SS97-022	13	19	103	0.4	6	111	1	10	10	2.49	3
S9713256	SS97-023	67	34	121	0.4	43	46	1	67	58	5.31	9
S9713257	SS97-024	18	22	37	0.4	19	54	1	14	23	3.93	5
S9713258	SS97-025	27	60	178	0.4	4	310	1	11	15	1.47	2
S9713259	SS97-026	45	26	94	0.4	2	79	1	15	24	5.11	5
S9713260	SS97-027	28	38	140	0.4	25	148	1	21	54	3.63	3
S9713261	SS97-028	14	25	140	0.4	9	193	1	13	15	2.75	4
S9713262	SS97-029	77	54	133	0.4	23	79	1	120	44	5.2	12
S9713263	SS97-030	37	53	139	0.4	3	197	1	19	25	3.03	3
S9713264	SS97-031	57	32	86	0.4	13	51	1	7	15	5.78	7
S9713265	SS97-032	31	57	171	0.4	23	172	1	11	21	3.43	5
S9713266	SS97-033	68	59	145	0.4	18	49	1	62	36	4.79	10
S9713267	SS97-034	41	65	218	0.4	25	97	1	43	51	3.8	15
S9713268	SS97-035	27	39	125	0.4	13	124	1	28	24	3.39	5
S9713269	SS97-036	18	16	41	0.4	6	36	1	6	9	1.84	3
S9713270	SS97-037	23	18	54	0.4	6	38	1	9	13	2.51	2
S9713271	SS97-038	19	16	71	0.4	2	56	1	9	16	2.69	4
S9713272	SS97-039	14	13	82	0.4	4	65	1	6	12	2.4	2
S9713273	SS97-040	20	14	44	0.4	21	33	1	5	9	2.42	4
S9713274	SS97-041	11	12	86	0.4	2	69	1	6	12	2.37	3
S9713275	SS97-042	6	15	57	0.4	8	54	1	3	5	2.39	2
S9713276	SS97-043	13	13	116	0.4	23	143	1	13	21	2.89	4
S9713277	SS97-044	5	22	67	0.4	7	85	1	2	4	1.54	2

APPENDIX TOW CLAIMS - 1997 SOIL GEOCHEMISTRY

LAB	FIELD	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm
S9713278	SS97-045	34	20	88	0.4	5	125	1	8	16	3.12	2
S9713279	SS97-047	12	11	20	0.4	2	62	1	5	11	2.24	4
S9713280	SS97-048	20	25	225	0.4	14	155	1	13	15	2.62	2
S9713281	SS97-049	10	25	150	0.4	2	91	1	4	7	1.93	2
S9713282	SS97-050	16	20	149	0.4	3	131	1	13	23	2.05	2
S9713283	SS97-051	11	13	49	0.4	2	35	1	4	9	2.08	2
S9713284	SS97-052	15	20	113	0.4	6	95	1	9	14	1.82	2
S9713285	SS97-053	11	11	69	0.4	2	60	1	8	14	2.01	2
S9713286	SS97-054	9	14	100	0.4	10	118	1	6	15	1.39	2
S9713287	SS97-055	11	18	142	0.4	8	117	1	9	21	1.6	3
S9713288	SS97-056	14	12	77	0.4	2	107	1	8	15	2	5
S9713154	SS97-176	10	4	23	1.2	11	20	1	1	3	1.24	3
S9713155	SS97-177	11	23	106	0.8	24	52	1	4	5	2.15	11
S9713156	SS97-178	12	28	51	2.6	18	39	1	1	4	1.53	6
S9713157	SS97-179	6	40	63	0.9	19	25	1	3	6	2.16	6
S9713158	SS97-180	26	68	124	1.4	50	39	1	16	6	3.91	40
S9713159	SS97-181	35	98	216	0.5	18	59	5	25	9	5.28	44
S9713160	SS97-182	13	87	78	0.4	9	30	1	14	11	2.27	5
S9713161	SS97-183	22	49	64	0.4	3	24	1	6	13	2.04	3
S9713162	SS97-184	20	89	65	0.4	13	21	1	11	12	2.31	4
S9713163	SS97-185	35	123	810	0.4	135	104	22	29	13	7.36	62
S9718302	SS97-244	55	38	148	0.4	48	43	1	20	49	3.66	9
S9718303	SS97-245	41	41	87	0.4	11	105	1	9	13	1.1	4
S9718304	SS97-246	8	14	18	0.4	4	18	1	1	3	1.35	2
S9718305	SS97-247	10	23	38	0.4	5	65	1	1	4	0.72	2
S9718306	SS97-248	35	25	87	0.4	31	50	1	5	14	3.54	4
S9718307	SS97-249	15	17	51	0.4	9	53	1	2	4	2.45	3
S9718308	SS97-250	11	13	23	0.4	4	25	1	1	3	2.54	2
S9718309	SS97-251	15	9	56	0.6	12	36	1	7	6	2.12	3
S9718310	SS97-252	12	20	51	1.2	12	72	1	6	6	1.77	4
S9718311	SS97-253	17	20	70	0.4	10	59	1	5	9	2.81	4
S9718312	SS97-254	23	23	103	0.4	106	30	1	10	16	3.03	4
S9718313	SS97-255	17	26	85	0.4	93	28	1	5	9	3.06	12

APPENDIX TOW CLAIMS - 1997 SOIL GEOCHEMISTRY

LAB	FIELD	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
S9718314	SS97-256	4	20	10	0.4	7	19	1	1	1	0.78	3
S9718315	SS97-257	33	104	97	0.4	10	61	2	11	21	1.53	10
S9718316	SS97-258	46	49	112	0.4	72	34	1	24	29	3.89	13
S9718317	SS97-259	39	30	75	0.4	41	30	1	23	27	4.16	8
S9718318	SS97-260	35	36	89	0.4	12	37	1	12	19	3.43	6
S9718319	SS97-261	6	13	38	0.4	5	46	1	3	4	1.49	2
S9718320	SS97-262	28	45	136	0.4	127	45	1	16	25	2.98	8
S9718321	SS97-263	24	50	102	0.4	64	33	1	15	17	2.96	9
S9718322	SS97-264	37	149	190	0.4	35	137	2	18	16	2.63	3
S9718323	SS97-265	51	78	223	0.4	49	41	1	13	20	5.38	3
S9718324	SS97-266	17	20	77	0.4	17	44	1	7	10	3.44	3
S9718325	SS97-267	32	27	156	0.4	35	31	1	24	29	3.3	6
S9718326	SS97-268	45	86	165	0.4	65	87	1	48	20	4.43	6
S9718327	SS97-269	50	106	191	0.4	54	49	1	48	25	4.87	9
S9718328	SS97-270	39	145	181	0.4	30	62	1	32	24	5.37	6
S9718329	SS97-271	29	111	219	0.4	19	222	2	38	18	2.65	5

APPENDIX TOW C

LAB	FIELD	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
S9713177	KH97-001	18	5	5	23	2	2	10	20	30	2178	0.54
S9713178	KH97-002	15	5	5	23	2	2	17	12	21	1998	0.36
S9713179	KH97-003	11	5	5	22	2	2	9	7	23	1014	0.27
S9713180	KH97-004	11	5	5	27	2	2	10	5	17	989	0.23
S9713181	KH97-005	14	5	7	27	2	2	7	9	23	1238	0.4
S9713182	KH97-006	13	5	5	22	2	2	6	11	28	2975	0.33
S9713183	KH97-007	13	5	8	29	2	2	6	6	17	1235	0.32
S9713184	KH97-008	15	5	6	24	2	2	8	15	25	1728	0.41
S9713185	KH97-009	11	5	14	30	2	2	6	5	8	309	0.14
S9713186	KH97-010	10	5	11	32	2	2	7	8	11	267	0.18
S9713187	KH97-011	15	5	5	29	2	2	11	11	15	1751	0.38
S9713188	KH97-012	13	5	5	29	2	2	8	9	13	1836	0.33
S9713189	KH97-013	15	5	5	30	2	2	7	32	29	4182	0.42
S9713190	KH97-014	14	5	10	30	2	2	7	12	19	804	0.53
S9713191	KH97-015	12	5	6	19	2	2	4	8	20	792	0.66
S9713192	KH97-016	9	5	5	23	2	2	4	4	15	188	0.43
S9713193	KH97-017	12	5	6	18	2	2	4	6	22	602	0.62
S9713194	KH97-018	15	5	5	31	2	2	5	7	18	1300	0.8
S9713195	KH97-019	12	5	12	21	2	2	6	5	15	515	0.35
S9713196	KH97-020	14	5	7	28	2	2	7	5	10	400	0.41
S9713197	KH97-021	16	5	6	29	2	2	5	4	16	449	0.34
S9713198	KH97-022	7	5	5	15	2	2	41	2	7	400	0.09
S9713199	KH97-023	13	5	5	19	2	2	9	27	33	7166	0.34
S9713200	KH97-024	8	5	5	16	2	2	4	2	9	540	0.13
S9713201	KH97-025	14	5	5	25	2	2	6	6	16	646	0.35
S9713202	KH97-026	15	5	5	24	2	2	5	11	20	743	0.41
S9713203	KH97-027	17	5	5	32	2	2	6	33	34	619	0.39
S9713204	KH97-028	16	5	9	35	2	2	6	9	20	2541	0.35
S9713205	KH97-029	18	5	5	31	2	2	8	16	29	2612	0.48
S9713206	KH97-030	4	5	5	40	2	2	8	17	33	99233	0.38
S9713207	KH97-031	19	5	5	33	2	2	14	16	29	4754	0.39
S9713208	KH97-036	47	5	5	42	2	2	11	8	16	240	0.81
S9713209	KH97-037	4	5	5	5	2	2	34	2	2	168	0.06

APPENDIX TOW C

LAB	FIELD	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
S9713210	KH97-038	14	5	5	25	2	2	10	8	15	226	0.43
S9713211	KH97-039	13	5	5	22	2	2	7	10	18	239	0.49
S9713212	KH97-040	11	5	5	21	2	2	4	11	19	180	0.42
S9713213	KH97-041	12	5	5	21	2	2	7	12	22	233	0.47
S9713214	KH97-042	17	5	5	29	2	2	10	13	25	268	0.63
S9713215	KH97-043	16	5	5	24	2	2	7	15	25	231	0.64
S9713216	KH97-044	18	5	7	27	2	2	13	17	25	292	0.7
S9713217	KH97-045	16	5	5	24	2	2	9	15	25	236	0.51
S9713218	KH97-046	13	5	5	21	2	2	7	16	26	189	0.43
S9713219	KH97-047	11	5	5	20	2	2	5	12	20	179	0.4
S9713220	KH97-048	12	5	5	21	2	2	6	12	20	196	0.41
S9713221	KH97-049	9	5	5	17	2	2	4	10	17	149	0.32
S9713222	KH97-050	12	5	5	23	2	2	6	11	19	188	0.39
S9713223	KH97-051	10	5	5	18	2	2	5	11	18	158	0.34
S9713224	KH97-052	10	5	5	19	2	2	6	11	17	154	0.32
S9713225	KH97-053	12	5	5	24	2	2	5	14	20	172	0.39
S9713226	KH97-054	18	5	5	31	2	2	8	15	22	286	0.54
S9713227	KH97-055	15	5	9	32	2	2	8	27	25	401	0.33
S9713228	KH97-056	21	5	5	40	2	2	8	12	18	278	0.67
S9713229	KH97-057	12	5	5	22	2	2	5	12	17	185	0.37
S9713230	KH97-058	13	5	5	25	2	2	7	13	19	255	0.38
S9713231	KH97-059	10	5	5	16	2	2	5	7	12	209	0.31
S9713232	KH97-060	10	5	5	17	2	2	5	7	12	189	0.34
S9713233	KH97-061	15	5	5	24	2	2	7	13	19	279	0.48
S9718265	KH97-231	4	5	5	5	2	2	14	3	6	50	0.08
S9718266	KH97-232	5	5	5	6	2	2	37	6	10	383	0.11
S9718267	KH97-233	19	5	6	22	2	2	16	36	38	1312	0.73
S9718268	KH97-234	4	5	5	9	2	2	7	2	3	90	0.06
S9718269	KH97-235	10	5	6	25	2	2	8	17	24	297	0.34
S9718270	KH97-236	9	5	5	15	2	2	41	5	8	1872	0.37
S9718271	KH97-237	6	5	7	18	2	2	4	3	6	64	0.09
S9718272	KH97-238	17	5	5	23	2	2	11	26	36	1247	0.6
S9718273	KH97-239	13	5	5	16	2	2	14	13	16	1099	0.28

APPENDIX TOW C

LAB	FIELD	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
S9718274	KH97-240	19	5	6	28	2	2	5	7	13	241	0.54
S9718275	KH97-241	6	5	5	23	2	2	6	2	6	2020	0.14
S9718276	KH97-242	20	5	8	31	2	2	6	3	10	343	0.75
S9718277	KH97-243	12	5	5	21	2	2	3	3	8	194	0.43
S9718278	KH97-244	6	5	5	19	2	2	14	2	7	950	0.13
S9718279	KH97-245	10	5	5	29	2	2	5	5	12	232	0.26
S9718280	KH97-246	13	5	5	20	2	2	3	22	17	255	0.44
S9718281	KH97-247	13	5	5	26	2	2	5	10	16	519	0.35
S9718282	KH97-248	12	5	5	32	2	2	4	4	13	325	0.29
S9718283	KH97-249	13	5	5	29	2	2	8	7	14	864	0.31
S9718284	KH97-250	8	5	5	15	2	2	54	11	13	224	0.18
S9718285	KH97-251	8	5	5	31	2	2	4	4	11	135	0.2
S9718286	KH97-252	15	5	5	27	2	2	8	6	19	219	0.33
S9718287	KH97-253	4	5	5	3	2	2	23	2	2	212	0.09
S9718288	KH97-254	12	5	5	32	2	2	8	7	16	281	0.27
S9718289	KH97-255	6	5	5	14	2	2	4	8	17	50	0.08
S9718290	KH97-256	13	5	5	22	2	2	9	9	17	439	0.21
S9718291	KH97-257	4	5	5	23	2	2	7	3	9	93	0.06
S9718292	KH97-258	11	5	9	31	2	2	5	5	12	191	0.25
S9718293	KH97-259	7	5	5	25	2	2	7	2	9	113	0.16
S9718294	KH97-260	6	5	5	18	2	2	9	3	11	368	0.08
S9718295	KH97-261	13	5	9	32	2	2	4	3	12	173	0.27
S9713234	SS97-001	12	5	5	24	2	2	26	11	21	4494	0.32
S9713235	SS97-002	9	5	5	28	2	2	10	3	10	1261	0.17
S9713236	SS97-003	8	5	9	22	2	2	10	2	5	831	0.19
S9713237	SS97-004	13	5	5	25	2	2	37	8	18	4226	0.31
S9713238	SS97-005	15	5	12	30	2	2	34	13	28	5039	0.45
S9713239	SS97-006	20	5	7	31	2	2	19	12	35	1129	0.75
S9713240	SS97-007	19	5	5	31	2	2	20	11	30	1767	0.7
S9713241	SS97-008	13	5	5	23	2	2	44	8	25	3956	0.38
S9713242	SS97-009	10	5	5	22	2	2	8	4	11	654	0.32
S9713243	SS97-010	14	5	7	18	2	2	5	5	12	246	0.58
S9713244	SS97-011	12	5	5	24	2	2	8	5	16	186	0.48

APPENDIX TOW C

LAB	FIELD	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
S9713245	SS97-012	13	5	5	23	2	2	11	4	14	244	0.39
S9713246	SS97-013	13	5	8	22	2	2	10	6	14	573	0.43
S9713247	SS97-014	14	5	5	25	2	2	15	16	23	996	0.52
S9713248	SS97-015	12	5	5	16	2	2	15	12	22	1009	0.41
S9713249	SS97-016	20	5	5	24	2	2	14	25	37	586	0.98
S9713250	SS97-017	20	5	7	25	2	2	12	15	32	563	0.94
S9713251	SS97-018	12	5	7	19	2	2	7	5	11	277	0.37
S9713252	SS97-019	10	5	7	21	2	2	5	4	11	339	0.29
S9713253	SS97-020	10	5	5	20	2	2	6	5	13	319	0.37
S9713254	SS97-021	10	5	8	21	2	2	8	4	11	689	0.26
S9713255	SS97-022	9	5	5	24	2	2	6	3	8	1441	0.16
S9713256	SS97-023	15	5	5	14	2	2	5	30	32	3662	0.56
S9713257	SS97-024	14	5	5	16	2	2	4	4	14	579	0.54
S9713258	SS97-025	10	5	5	11	2	2	38	6	11	1644	0.16
S9713259	SS97-026	11	5	9	23	2	2	14	7	8	951	0.33
S9713260	SS97-027	80	5	7	56	2	2	28	6	13	2205	1.67
S9713261	SS97-028	12	5	5	21	2	2	26	4	9	2200	0.32
S9713262	SS97-029	16	5	5	22	2	2	17	72	73	2663	0.54
S9713263	SS97-030	12	5	5	20	2	2	37	11	18	1420	0.35
S9713264	SS97-031	17	5	5	27	2	2	10	10	21	469	0.65
S9713265	SS97-032	13	5	5	28	2	2	14	9	16	4627	0.32
S9713266	SS97-033	13	5	5	20	2	2	9	57	54	1618	0.42
S9713267	SS97-034	14	5	5	19	2	2	31	93	111	2180	0.5
S9713268	SS97-035	14	5	5	22	2	2	9	28	42	1866	0.41
S9713269	SS97-036	10	5	5	15	2	2	9	11	19	265	0.37
S9713270	SS97-037	14	5	5	15	2	2	10	17	23	247	0.65
S9713271	SS97-038	16	5	7	19	2	2	13	18	19	361	0.71
S9713272	SS97-039	12	5	6	20	2	2	6	7	13	213	0.46
S9713273	SS97-040	11	5	5	14	2	2	6	9	18	205	0.53
S9713274	SS97-041	10	5	10	19	2	2	9	3	7	142	0.31
S9713275	SS97-042	10	5	5	27	2	2	7	2	5	126	0.28
S9713276	SS97-043	9	5	9	23	2	2	35	3	6	368	0.24
S9713277	SS97-044	6	5	5	15	2	2	12	2	6	205	0.19

APPENDIX TOW C

LAB	FIELD	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
S9713278	SS97-045	10	5	5	19	2	2	31	4	11	404	0.28
S9713279	SS97-047	6	5	10	22	2	2	7	4	3	91	0.05
S9713280	SS97-048	11	5	11	22	2	2	26	7	11	899	0.3
S9713281	SS97-049	7	5	5	20	2	2	12	3	8	222	0.12
S9713282	SS97-050	12	5	8	17	2	2	22	5	11	432	0.48
S9713283	SS97-051	12	5	5	19	2	2	5	4	10	142	0.52
S9713284	SS97-052	10	5	10	16	2	2	18	4	7	468	0.35
S9713285	SS97-053	10	5	8	19	2	2	9	4	9	150	0.34
S9713286	SS97-054	6	5	8	14	2	2	47	3	4	459	0.13
S9713287	SS97-055	7	5	7	17	2	2	25	3	6	481	0.16
S9713288	SS97-056	10	5	5	21	2	2	12	6	12	227	0.24
S9713154	SS97-176	4	5	15	14	2	2	5	5	4	319	0.04
S9713155	SS97-177	5	20	7	9	2	25	4	3	12	377	0.24
S9713156	SS97-178	6	6	9	11	2	7	4	2	8	194	0.28
S9713157	SS97-179	8	10	5	14	2	5	4	2	11	171	0.82
S9713158	SS97-180	6	30	5	9	2	35	9	5	10	1789	0.27
S9713159	SS97-181	7	25	5	11	2	37	14	8	11	3834	0.5
S9713160	SS97-182	12	5	5	10	2	2	5	2	7	1442	1.39
S9713161	SS97-183	16	5	5	9	2	2	4	2	7	553	1.68
S9713162	SS97-184	13	5	10	10	2	2	5	4	9	534	1.66
S9713163	SS97-185	5	32	5	12	2	68	50	22	17	6141	0.24
S9718302	SS97-244	13	5	6	12	2	2	3	26	36	921	0.69
S9718303	SS97-245	5	5	6	7	4	2	32	11	14	2121	0.09
S9718304	SS97-246	4	5	5	20	2	2	3	2	4	65	0.11
S9718305	SS97-247	5	5	5	8	2	2	14	2	4	513	0.14
S9718306	SS97-248	14	5	13	24	2	2	4	7	12	194	0.42
S9718307	SS97-249	7	5	13	21	5	2	4	2	4	349	0.09
S9718308	SS97-250	7	5	6	27	2	2	2	2	5	192	0.09
S9718309	SS97-251	11	5	13	19	2	2	3	6	7	352	0.27
S9718310	SS97-252	8	5	6	18	2	2	10	4	6	1169	0.24
S9718311	SS97-253	10	5	9	22	2	2	6	9	13	651	0.3
S9718312	SS97-254	15	5	5	16	2	2	7	11	17	414	0.74
S9718313	SS97-255	13	5	11	22	2	2	10	9	18	354	0.55

APPENDIX TOW C

LAB	FIELD	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
S9718314	SS97-256	4	5	5	10	2	2	3	3	7	21	0.05
S9718315	SS97-257	8	5	5	12	2	2	54	50	84	1110	0.21
S9718316	SS97-258	11	5	8	15	2	2	5	19	23	654	0.43
S9718317	SS97-259	13	5	10	16	2	2	4	16	21	617	0.62
S9718318	SS97-260	14	5	5	14	2	2	3	16	20	502	0.56
S9718319	SS97-261	6	7	10	18	2	2	3	2	3	1067	0.12
S9718320	SS97-262	12	5	10	15	2	2	37	24	25	769	0.39
S9718321	SS97-263	12	5	8	15	2	2	31	14	24	615	0.39
S9718322	SS97-264	8	5	9	11	2	2	43	11	13	3021	0.27
S9718323	SS97-265	12	5	5	15	2	2	29	11	13	1067	0.48
S9718324	SS97-266	10	5	7	32	2	2	6	3	6	893	0.25
S9718325	SS97-267	14	5	6	20	2	2	7	12	12	527	0.57
S9718326	SS97-268	12	5	5	17	2	2	12	11	15	3226	0.45
S9718327	SS97-269	12	5	5	15	2	2	14	18	22	2410	0.47
S9718328	SS97-270	13	5	6	20	2	2	7	8	12	1498	0.61
S9718329	SS97-271	10	5	5	14	2	2	24	9	14	6594	0.25

APPENDIX TOW C

LAB	FIELD	Ti	Al	Ca	Na	K
		%	%	%	%	%
S9713177	KH97-001	0.03	2.33	0.05	0.01	0.15
S9713178	KH97-002	0.03	2.46	0.14	0.01	0.17
S9713179	KH97-003	0.03	1.31	0.07	0.01	0.12
S9713180	KH97-004	0.06	1.85	0.08	0.03	0.1
S9713181	KH97-005	0.04	1.79	0.02	0.01	0.12
S9713182	KH97-006	0.03	1.98	0.02	0.01	0.15
S9713183	KH97-007	0.07	2.42	0.03	0.01	0.12
S9713184	KH97-008	0.06	2.55	0.02	0.01	0.15
S9713185	KH97-009	0.13	4.07	0.05	0.04	0.06
S9713186	KH97-010	0.09	2.48	0.05	0.04	0.1
S9713187	KH97-011	0.08	1.9	0.09	0.01	0.26
S9713188	KH97-012	0.08	3.08	0.05	0.03	0.13
S9713189	KH97-013	0.05	2.53	0.05	0.01	0.16
S9713190	KH97-014	0.08	2.86	0.03	0.01	0.1
S9713191	KH97-015	0.03	1.98	0.02	0.01	0.1
S9713192	KH97-016	0.02	1.3	0.02	0.01	0.07
S9713193	KH97-017	0.02	1.85	0.02	0.01	0.08
S9713194	KH97-018	0.04	2.43	0.02	0.01	0.1
S9713195	KH97-019	0.04	3.63	0.03	0.03	0.08
S9713196	KH97-020	0.08	3.89	0.03	0.04	0.06
S9713197	KH97-021	0.05	2.59	0.02	0.01	0.05
S9713198	KH97-022	0.03	0.58	0.42	0.03	0.08
S9713199	KH97-023	0.02	2.21	0.05	0.01	0.11
S9713200	KH97-024	0.04	1.26	0.03	0.01	0.04
S9713201	KH97-025	0.03	1.77	0.06	0.01	0.13
S9713202	KH97-026	0.03	1.81	0.02	0.01	0.1
S9713203	KH97-027	0.08	3.35	0.06	0.03	0.17
S9713204	KH97-028	0.07	2.13	0.04	0.01	0.14
S9713205	KH97-029	0.08	2.22	0.08	0.01	0.26
S9713206	KH97-030	0.05	2.49	0.03	0.01	0.27
S9713207	KH97-031	0.07	1.94	0.12	0.01	0.21
S9713208	KH97-036	0.11	1.77	0.25	0.03	0.24
S9713209	KH97-037	0.01	0.31	0.29	0.03	0.08

APPENDIX TOW C

LAB	FIELD	Ti	Al	Ca	Na	K
		%	%	%	%	%
S9713210	KH97-038	0.06	1.71	0.15	0.01	0.16
S9713211	KH97-039	0.05	1.09	0.14	0.01	0.2
S9713212	KH97-040	0.04	0.88	0.13	0.01	0.18
S9713213	KH97-041	0.05	1.04	0.16	0.01	0.2
S9713214	KH97-042	0.06	1.57	0.18	0.01	0.25
S9713215	KH97-043	0.07	1.28	0.18	0.01	0.19
S9713216	KH97-044	0.08	1.77	0.22	0.01	0.26
S9713217	KH97-045	0.07	1.67	0.18	0.01	0.26
S9713218	KH97-046	0.06	1.09	0.17	0.01	0.2
S9713219	KH97-047	0.05	0.95	0.15	0.01	0.18
S9713220	KH97-048	0.06	1.07	0.13	0.01	0.2
S9713221	KH97-049	0.04	0.86	0.1	0.01	0.13
S9713222	KH97-050	0.05	1.38	0.13	0.01	0.15
S9713223	KH97-051	0.04	0.92	0.14	0.01	0.12
S9713224	KH97-052	0.05	1.03	0.13	0.01	0.11
S9713225	KH97-053	0.06	1.4	0.16	0.01	0.16
S9713226	KH97-054	0.07	1.86	0.17	0.01	0.24
S9713227	KH97-055	0.09	3.05	0.12	0.02	0.16
S9713228	KH97-056	0.09	1.96	0.19	0.01	0.27
S9713229	KH97-057	0.06	1.14	0.17	0.01	0.16
S9713230	KH97-058	0.06	1.57	0.18	0.01	0.16
S9713231	KH97-059	0.03	0.89	0.14	0.01	0.12
S9713232	KH97-060	0.04	0.97	0.15	0.01	0.14
S9713233	KH97-061	0.06	1.4	0.17	0.01	0.21
S9718265	KH97-231	0.01	0.36	0.25	0.03	0.06
S9718266	KH97-232	0.01	0.38	1.01	0.03	0.06
S9718267	KH97-233	0.06	2.75	0.35	0.01	0.08
S9718268	KH97-234	0.01	0.32	0.19	0.03	0.07
S9718269	KH97-235	0.09	1.86	0.19	0.01	0.07
S9718270	KH97-236	0.02	0.92	1.27	0.01	0.06
S9718271	KH97-237	0.05	1.89	0.05	0.04	0.05
S9718272	KH97-238	0.04	2.45	0.25	0.01	0.09
S9718273	KH97-239	0.01	1.09	0.23	0.03	0.11

APPENDIX TOW C

LAB	FIELD	Ti	Al	Ca	Na	K
		%	%	%	%	%
S9718274	KH97-240	0.06	1.47	0.04	0.03	0.12
S9718275	KH97-241	0.06	0.71	0.12	0.03	0.05
S9718276	KH97-242	0.09	1.89	0.05	0.01	0.15
S9718277	KH97-243	0.06	1.4	0.04	0.03	0.06
S9718278	KH97-244	0.02	0.49	0.22	0.03	0.06
S9718279	KH97-245	0.04	1.51	0.03	0.03	0.05
S9718280	KH97-246	0.05	1.57	0.02	0.01	0.12
S9718281	KH97-247	0.05	1.86	0.07	0.01	0.16
S9718282	KH97-248	0.04	1.49	0.02	0.01	0.07
S9718283	KH97-249	0.05	1.31	0.1	0.03	0.09
S9718284	KH97-250	0.02	0.9	1.19	0.03	0.06
S9718285	KH97-251	0.05	0.84	0.05	0.03	0.06
S9718286	KH97-252	0.04	1.6	0.05	0.03	0.08
S9718287	KH97-253	0.01	0.17	0.68	0.03	0.06
S9718288	KH97-254	0.02	1.54	0.12	0.01	0.09
S9718289	KH97-255	0.01	0.81	0.05	0.03	0.06
S9718290	KH97-256	0.02	0.91	0.13	0.03	0.1
S9718291	KH97-257	0.03	0.54	0.08	0.03	0.04
S9718292	KH97-258	0.03	1.26	0.05	0.03	0.12
S9718293	KH97-259	0.04	0.89	0.1	0.03	0.08
S9718294	KH97-260	0.01	0.81	0.09	0.03	0.05
S9718295	KH97-261	0.02	1.85	0.03	0.03	0.07
S9713234	SS97-001	0.06	1.84	0.2	0.01	0.2
S9713235	SS97-002	0.06	1.52	0.12	0.01	0.1
S9713236	SS97-003	0.03	1.36	0.11	0.03	0.08
S9713237	SS97-004	0.08	2.48	0.33	0.01	0.2
S9713238	SS97-005	0.05	2.23	0.26	0.04	0.2
S9713239	SS97-006	0.1	2.48	0.07	0.01	0.29
S9713240	SS97-007	0.09	2.35	0.08	0.01	0.25
S9713241	SS97-008	0.04	1.72	0.39	0.03	0.14
S9713242	SS97-009	0.05	1.8	0.08	0.02	0.1
S9713243	SS97-010	0.05	1.79	0.05	0.01	0.13
S9713244	SS97-011	0.06	1.28	0.04	0.01	0.12

APPENDIX TOW C

LAB	FIELD	Ti	Al	Ca	Na	K
		%	%	%	%	%
S9713245	SS97-012	0.06	2.31	0.09	0.01	0.15
S9713246	SS97-013	0.06	1.96	0.12	0.01	0.17
S9713247	SS97-014	0.09	2.76	0.09	0.01	0.22
S9713248	SS97-015	0.05	1.5	0.13	0.01	0.18
S9713249	SS97-016	0.1	2.63	0.04	0.01	0.39
S9713250	SS97-017	0.1	2.46	0.03	0.01	0.33
S9713251	SS97-018	0.04	1.91	0.04	0.03	0.12
S9713252	SS97-019	0.03	1.62	0.03	0.03	0.07
S9713253	SS97-020	0.02	1.88	0.03	0.03	0.08
S9713254	SS97-021	0.04	2.65	0.06	0.03	0.14
S9713255	SS97-022	0.03	1.82	0.07	0.03	0.07
S9713256	SS97-023	0.01	2.06	0.01	0.01	0.12
S9713257	SS97-024	0.01	1.72	0.01	0.01	0.05
S9713258	SS97-025	0.03	0.75	0.31	0.03	0.06
S9713259	SS97-026	0.07	2.78	0.11	0.02	0.09
S9713260	SS97-027	0.09	2.03	0.39	0.02	0.22
S9713261	SS97-028	0.06	1.43	0.27	0.03	0.16
S9713262	SS97-029	0.05	2.52	0.11	0.03	0.19
S9713263	SS97-030	0.06	1.86	0.33	0.03	0.24
S9713264	SS97-031	0.09	2.06	0.03	0.01	0.25
S9713265	SS97-032	0.08	2.52	0.17	0.03	0.21
S9713266	SS97-033	0.05	2.07	0.06	0.02	0.22
S9713267	SS97-034	0.08	2.31	0.42	0.02	0.38
S9713268	SS97-035	0.06	1.72	0.09	0.01	0.27
S9713269	SS97-036	0.03	1.01	0.16	0.01	0.16
S9713270	SS97-037	0.04	1.31	0.17	0.01	0.25
S9713271	SS97-038	0.06	1.88	0.21	0.01	0.23
S9713272	SS97-039	0.04	1.68	0.07	0.01	0.14
S9713273	SS97-040	0.04	1.09	0.09	0.01	0.22
S9713274	SS97-041	0.06	2.58	0.14	0.03	0.11
S9713275	SS97-042	0.07	1.1	0.06	0.01	0.11
S9713276	SS97-043	0.1	2.6	0.32	0.04	0.11
S9713277	SS97-044	0.04	0.67	0.08	0.01	0.08

APPENDIX TOW C

LAB	FIELD	Ti	Al	Ca	Na	K
		%	%	%	%	%
S9713278	SS97-045	0.02	1.24	0.21	0.01	0.13
S9713279	SS97-047	0.07	3.35	0.07	0.02	0.04
S9713280	SS97-048	0.08	2.66	0.3	0.04	0.09
S9713281	SS97-049	0.04	0.89	0.09	0.03	0.07
S9713282	SS97-050	0.04	1.77	0.21	0.01	0.15
S9713283	SS97-051	0.04	1.2	0.08	0.01	0.1
S9713284	SS97-052	0.05	1.91	0.15	0.03	0.13
S9713285	SS97-053	0.06	2.05	0.07	0.01	0.11
S9713286	SS97-054	0.06	2.49	0.35	0.04	0.1
S9713287	SS97-055	0.06	2.12	0.17	0.04	0.13
S9713288	SS97-056	0.03	2.55	0.11	0.03	0.09
S9713154	SS97-176	0.06	3.79	0.04	0.02	0.01
S9713155	SS97-177	0.01	1.73	0.02	0.01	0.06
S9713156	SS97-178	0.01	1.64	0.03	0.03	0.04
S9713157	SS97-179	0.01	1.19	0.01	0.01	0.04
S9713158	SS97-180	0.01	1.16	0.07	0.01	0.09
S9713159	SS97-181	0.01	1.37	0.12	0.03	0.1
S9713160	SS97-182	0.01	1.43	0.07	0.01	0.06
S9713161	SS97-183	0.01	1.59	0.07	0.03	0.07
S9713162	SS97-184	0.01	1.7	0.08	0.01	0.05
S9713163	SS97-185	0.01	1.65	0.5	0.01	0.08
S9718302	SS97-244	0.04	1.44	0.02	0.01	0.25
S9718303	SS97-245	0.01	0.48	0.69	0.04	0.08
S9718304	SS97-246	0.06	0.5	0.04	0.03	0.04
S9718305	SS97-247	0.02	0.31	0.25	0.02	0.07
S9718306	SS97-248	0.05	2.44	0.04	0.03	0.08
S9718307	SS97-249	0.07	2.88	0.04	0.03	0.04
S9718308	SS97-250	0.05	0.83	0.02	0.03	0.03
S9718309	SS97-251	0.06	3.03	0.04	0.02	0.04
S9718310	SS97-252	0.04	1.15	0.2	0.03	0.05
S9718311	SS97-253	0.05	1.5	0.1	0.01	0.07
S9718312	SS97-254	0.03	1.46	0.1	0.01	0.1
S9718313	SS97-255	0.04	1.71	0.15	0.02	0.08